

24-0114-01**Emission Summary****Permit Number:** 970035G**Source Status:** New ☒ Modification ☐ Expansion ☐ Relocation ☐ **Permit Status:** New ☒ Renewal ☐PSD ☐ NSPS ☐ NESHAPs ☒ **Previous Permit Number:** Construction _____ Operating _____

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-3-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP										
SO ₂										
CO										
VOC		3.82	3.82		16.74	16.74		3/6/15		7-.07(2), 18-.24
NO _x										

* - Source of data: California Air Pollution Control Officers Association (CAPCOA) Toxics Committee's Air Toxics "Hot Spots" Program Report titled *Gasoline Service Station Industrywide Risk Assessment Guidelines*, dated December, 1997.

Gasoline Dispensing Facility:**Scenario 5B: Underground Tanks, Phase I, with Vent Valves**

VOC Emission Factors:

Tank Loading	0.084 pounds/1000 gallons
Tank Breathing	0.21 pounds/1000 gallons
Vehicle Refueling	8.4 pounds/1000 gallons
Spillage	0.61 pounds/1000 gallons
Total	9.30 pounds/1000 gallons

(9.30 pounds VOC/1000 gallons) x (300000 gallons/month) x (12 months/year)
 x (1 ton/2000 lbs) = 16.74 tons VOC/year

(16.74 tons VOC/year) x (1 year/8760 hours) x (2000 pounds/ton) = 3.82 pounds VOC/hour

PERMITTING PROGRAM: CAM DATE: 3/16/2015

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Murphy Oil USA, Inc. #8756 File Number: 24-0114 EPS Initials: CAM
Permit Number(s): 970035G Source Point Number(s): 01
Application Received (date): March 12, 2015 Application Complete (date): April 8, 2015
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

The construction permit application is for a gasoline dispensing facility. Gasoline dispensing facility as defined in 40 CFR §63.11132 are subject to National Emissions Standards for Hazardous Air Pollutants (NESHAPS), 40 CFR Part 63, Subpart CCCCCC. Since the maximum monthly throughput for this source is more than 100,000 gallons, this source must meet the requirements of §63.11118. The facility is an area source subject to Stage I requirements.

The expected emission from this source is VOC. Stage I vapor recovery will be used for pollution control.

Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-3-9-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in ____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart ____	<input type="checkbox"/>	State Rule 1200-3-16-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____	<input type="checkbox"/>	State Rule 1200-3-11-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart <u>6C</u>	<input checked="" type="checkbox"/>	State Rule 1200-3-31-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-3-____ -.	<input type="checkbox"/>	N/A <input type="checkbox"/>	NO _x Emissions:	1200-3-____ -.	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-3- <u>14</u> -.	<input type="checkbox"/>	N/A <input type="checkbox"/>	Lead Emissions:	1200-3-____ -.	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-3- <u>07</u> -.	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	____ Emissions:	1200-3-____ -.	<input type="checkbox"/>	N/A <input type="checkbox"/>
VOC Emissions:	1200-3- <u>18</u> -.	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	____ Emissions:	1200-3-____ -.	<input type="checkbox"/>	N/A <input type="checkbox"/>

Visible Emissions from this source not to exceed 20 % opacity per Method 9 (Rule 1200-3- 05 -.03(6))
Visible Emissions from _____ not to exceed _____ % opacity per Method _____ (Rule 1200-3-____ -.)
Visible Emissions from _____ not to exceed _____ % opacity per Method _____ (Rule 1200-3-____ -.)

Comments: _____
